

QUESTIONS AND ANSWERS

Solicitation Number SPM070-15-Q-0041 Front Courtyard Repair – US Embassy Panama

1. **Question** – Will the stones and bricks be reused on the project?

Answer – Yes; the stones and bricks are going to be reused for this project. .

2. **Question** – Is it necessary that the color of bricks and stones match with the actual pattern?

Answer – Yes if possible, but similar color and pattern is acceptable.

3. **Questions** – What is the thickness of the bricks?

Answer – Standard 2.5”

4. **Question** – The LED light model included on the attachments needs to be the same model or can be a similar model?

Answer – Similar model but must be UL approved for wet locations.

5. **Question** – Will be provided the point of contact of the US vendor that provided the bricks and stone used on the front courtyard?

Answer – Local similar are acceptable.

6. **Question** - Please provide dimensions and characteristics of the four storm drainage catch basins to be removed.

Answer – 10” round PVC, with 12”x12” x12” box catch basin

7. **Question** - What is the distance where removed bricks and granite Stone paver must be stored? Or USG will move it once removed by the contractor?

Answer – The contractor must place the brick and stone on pallets, wrapped with plastic wrap and the USG will storage the pallet.

8. **Question** - Please provide characteristics of the lighting to be removed.

Answer – Most of the lights have been broken and removed, only about six are still working. The lights are above ground adjustable, enclosed, spot lights.

9. **Question** - Please provide dimensions and characteristics of the four storm water collection boxes to be supplied and installed.

Answer – See attachment provide with the RFQ

10. **Question** - Please provide depth and width of the new drainage to be installed. (ref.: ZURN Z882). Attachment is not clear enough about this requirement.

Answer – The SOW requires and linear drainage system the ZURN Z882 is only an example. The contractor can select any linear drainage system that meets the same specification.

11. **Question** - Please provide details of expansion joints. Attachment is not clear enough about this requirement.

Answer – Use ½ thick materials the same as question #16.

12. **Question** - Please provide details of the backfill to be used for installation of concrete pads. (depths and required base material)

Answer – Clean compactable soil, no clay.

13. **Question** - Item 3.10. Curbs to be installed correspond to the ones removed in ítem 2.1. Which are its characteristics?

Answer - these are granite curb pieces 36” x 6”x 12”

14. **Question** - Back fill around palm trees must be new? Or material from excavation of other activities could be used?

Answer – It can be the same material, reused

15. **Question** - Please provide detail of installation of grout/mortar required to the front edge.

Answer – mixer 1.1.3

16. **Question** - Which are the specific requirements for expansion joints along the curbing?

Answer – Thickness: 1/2 inch

- Recovery ((%) ASTM D545-99): 98.6
- Extrusion ((in) ASTM D545-99): 0.16
- Compressive Strength Vertical Direction ((psi) ASTM D545-99 Suffix D at 50%): 12.3

- Compression Set ((%) ASTM D3575-00 Suffix B): 16
- Tensile Stress ((psi) ASTM D3575-00): 44
- Tensile Stress ((psi) Suffix T MD/CMD): 26
- Elongation ((%) ASTM D3575-00): 79
- Elongation ((%) Suffix T MD/CMD): 65
- Tear Resistance ((lb/in) ASTM D3575-00): 10
- Tear Resistance ((lb/in) Suffix G MD/CMD): 15
- Density Range ((lb/ft³) ASTM D3575-00): 1.7 (nominal)
- Water Absorption ((lb/ft²) ASTM D3575-00 Suffix L): <0.1
- Meets application requirements of: ASTM D 1752 Sections 5.1-5.4 (with compression requirement modified to 10 psi minimum and 25 psi maximum.) ASTM D 4819 Type II

17. **Question** - Concrete pads will require dowels between them? (Load transfer joints)

Answer – Yes

18. **Question** - What is the distance of the area where debris must be stored while these are removed from the project?

Answer – debris must be removed daily or stored with the construction site.

19. **Question** - USG will provide an area to install temporary facilities? What is its location from the Project area?

Answer – The temporary facility must be within the construction site.